

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	157	340/472.ccls. and (side near20 (emit\$5 or light or diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:03
S2	761	340/472,815.45,468,463.ccls. and ((side near20 (marker or emit\$5 or light or diode)) or (turn near3 signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:51
S3	19	S2 and housing and LED and (light near3 diode) and (cover near20 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:07
S4	31	S2 and housing and (LED or (light near3 diode)) and (cover near20 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:11
S5	202	S2 and housing and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:19
S6	498	340/472,815.45,468,463.ccls. and (((side near20 (marker or emit\$5 or light or diode)) or (turn near3 signal)) same (vehicle or automobile or car))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:19
S7	498	340/472,815.45,468,463.ccls. and (((side near20 (marker or emit\$5 or light or diode)) or (turn near3 signal)) same (vehicle or automobile or auto-mobile or car))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 16:24
S8	90	S7 and housing and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:52
S9	31	S8 and reflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:24
S10	212	340/472,815.45,468,463.ccls. and ((side near20 (marker or emit\$5 or light or diode or signal)) or (turn near3 signal)) and reflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:52
S11	69	S10 and housing and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:54
S12	146	340/472,815.45,468,463.ccls. and (((side near20 (marker or emit\$5 or light or diode or signal)) or (turn near3 signal)) same (vehicle or automobile or auto-mobile or car)) and reflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 13:14

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S13	31	S12 and housing and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:54
S14	33	340/472,815.45,468,463.ccls. and (((side near20 (marker or emit\$5 or light or diode or signal or indicat\$4)) or (turn near3 signal)) same (vehicle or automobile or auto-mobile or car)) and reflector and housing and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 13:31
S15	102	340/472,815.45,468,463.ccls. and (side near5 emit\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 13:38
S16	186889	S15 and LED or (light near3 diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 13:32
S17	87	S15 and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 13:35
S18	38	S17 and reflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 13:35
S19	69	340/472,815.45,468,463.ccls. and ((side near5 emit\$5) or side near20 (vehicle or car or automobile or auto-mobile)) and reflector and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 09:46
S20	75	340/472,815.45,468,463.ccls. and ((side near5 (indicat\$4 or emit\$5)) or side near20 (vehicle or car or automobile or auto-mobile)) and reflector and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:44
S21	10	"340"/\$.ccls. and (vehicle same (headlight near3 housing)) and reflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 16:18
S22	3	honda and (vehicle same (headlight near3 housing)) and reflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 16:21
S23	358	reflector near20 (multifacet\$4 or multi-facet\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:43
S24	16	S23 and "340"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 16:24

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S25	33	S23 and (((side near20 (marker or emit\$5 or light or diode)) or (turn near3 signal)) same (vehicle or automobile or auto-mobile or car))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:44
S26	19	S25 and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:44
S27	0	("2005/0134448").URPN.	USPAT	OR	ON	2005/10/06 13:27
S28	0	("2004/0217855").URPN.	USPAT	OR	ON	2005/10/06 13:28
S29	0	("2004/0100370").URPN.	USPAT	OR	ON	2005/10/06 13:28
S30	33	("1553959"   "1806276"   "2190123"   "3364384"   "3665392"   "3875559"   "4290048"   "4808968"   "5111183"   "5255165"   "5258740"   "5373426"   "5758944").PN. OR ("5966073").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/06 13:28
S31	30	("1880849"   "1895260"   "2005483"   "2463088"   "2553462"   "3110012"   "3444514"   "3500313"   "4491824"   "4812807"   "4940962").PN. OR ("5258740").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/06 13:28
S32	113	("1284016"   "1686525"   "1738016"   "2290100"   "3027491"   "3375435"   "3514752"   "3755697"   "3784844"   "3787752"   "3858063"   "3872463"   "3878406"   "3887836"   "3925690"   "3944854"   "3968399"   "3984810"   "4009394"   "4045683"   "4139261"   "4185891"   "4190836"   "4247852"   "4271408"   "4277819"   "4298869"   "4329625"   "4358714"   "4365244"   "4403157"   "4414558"   "4417240"   "4420711"   "4442397"   "4556862"   "4570207"   "4574269"   "4591954").PN. OR ("4654629").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/06 13:29
S33	75	340/472,815.45,468,463.ccls. and ((side near5 (indicat\$4 or emit\$5)) or side near20 (vehicle or car or automobile or auto-mobile)) and reflector and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 15:12
S34	49	S33 and (alternat\$5 near5 (illuminat\$5 or light\$4 or flash\$4 or blink\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:00
S35	5269	((side near5 (indicat\$4 or emit\$5)) or side near20 (vehicle or car or automobile or auto-mobile)) and reflector and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:01
S36	417	S35 and ((alternate or alternating) near5 (illuminat\$5 or light\$4 or flash\$4 or blink\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:00
S37	63	"340"/\$.ccls. and ((side near5 (indicat\$4 or emit\$5)) or side near20 (vehicle or car or automobile or auto-mobile)) and reflector and (LED or (light near3 diode)) and ((alternate or alternating) near5 (illuminat\$5 or light\$4 or flash\$4 or blink\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:04
S38	32	(S30 or S31 or S32) and ((alternate or alternating) near5 (illuminat\$5 or light\$4 or flash\$4 or blink\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:49

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S39	70495	(reflector near20 (multifacet\$4 or multi-facet\$4)) or protuberan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/07 13:10
S40	239	protuberan\$4 and (((side near20 (marker or emit\$5 or light or diode)) or (turn near3 signal)) same (vehicle or automobile or auto-mobile or car))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:44
S41	30	S40 and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:45
S42	16	("20010019486"   "4929866"   "4935665"   "5054885"   "5136483"   "5698866"   "5803579"   "6238073"   "6281620"   "6367949"   "6380865"   "6406172"   "6520669"   "6550950"   "6565247"   "6601982").PN. OR ("6830364").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/06 15:45
S43	3	(S41 or S42) and ((alternate or alternating) near5 (illuminat\$5 or light\$4 or flash\$4 or blink\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 15:50
S44	23	((("6234646") or ("6276822") or ("6357902") or ("6371636") or ("6447155") or ("6547410") or ("6558032") or ("6590502") or ("6601983") or ("D451218") or ("D447826") or ("D445924"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/07 12:29
S45	70142	S44 and (reflector near20 (multifacet\$4 or multi-facet\$4)) or protuberan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/07 13:10
S46	0	S44 and ((reflector near20 (multifacet\$4 or multi-facet\$4)) or protuberan\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/07 13:11
S47	4	S44 and degree	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/07 13:17
S48	0	S44 and (side near3 emit\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/07 13:17
S49	75	340/472,815.45,468,463.ccls. and ((side near5 (indicat\$4 or emit\$5)) or side near20 (vehicle or car or automobile or auto-mobile)) and reflector and (LED or (light near3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 15:13
S50	49	S49 and (light\$4 near10 (intensit\$4 or brightness\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 15:14

## EAST Search History

S51	8	S49 and (light\$4 near10 two near10 (intensit\$4 or brightness\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 15:55
S52	0	("20040796646").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 15:55
S53	2	("20040196646").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 15:56
S54	76	((side adj emit\$5 adj (Led (light near3 diode))) (side-emit\$5 adj (Led (light near3 diode))))	US-PGPUB; USPAT	OR	ON	2006/04/26 16:18
S55	2	((side adj emit\$5 adj (Led (light near3 diode))) (side-emit\$5 adj (Led (light near3 diode)))) near40 (vehicle automobile auto-mobile auto-vehicle (side adj marker) (side-marker))	US-PGPUB; USPAT	OR	ON	2006/04/26 16:19
S56	25	((side adj emit\$5 adj (Led (light near3 diode))) (side-emit\$5 adj (Led (light near3 diode)))) and (vehicle automobile auto-mobile auto-vehicle (side adj marker) (side-marker))	US-PGPUB; USPAT	OR	ON	2006/04/26 16:49
S57	12	S56 and reflector	US-PGPUB; USPAT	OR	ON	2006/04/26 16:55
S58	12	S57 and (power battery)	US-PGPUB; USPAT	OR	ON	2006/04/26 16:55